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ABSTRACT

Data about degrees awarded at Montana colleges and universities for 1978-79 and 1979-80 are presented. Data indicate that there was an increase in all categories of degree awards except associate degrees and that bachelor's degrees account for approximately 75 percent of all awards. Units of the Montana University System award 87 percent of degrees. For associate degrees, community colleges award 47.5 percent, while units of the Montana University System award 42.5 percent, and private colleges 11.8 percent. Both the numbers of degrees by level and the percent distribution of awards are indicated. Information is also presented by institution for the Montana University System, private colleges, and community colleges. For each level or type of degree, data are provided by the field of study undertaken by the degree recipients, by the sex of the degree recipient, and by ethnic characteristics of degree recipients. Trends in degrees granted in the Montana University System from 1970-80, and trends in degrees granted in private and community colleges from 1975-80 are also indicated. (SW)

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ED197649

BOARD OF REGENTS OF HIGHER EDUCATION
STATE OF MONTANA

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COMPARATIVE SUMMARY OF DEGREES AWARDED BY INSTITUTIONS OF HIGHER EDUCATION IN THE STATE OF MONTANA 1978-79 and 1979-80

U.S. DEPARTMENT OF HEALTH, EDUCATION & WELFARE
NATIONAL INSTITUTE OF EDUCATION
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HE 013 422

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DEGREES AWARDED - STATE OF MONTANA

1978-79 and 1979-80*

Information about degrees awarded is prepared annually by each institution of higher education in Montana. This report will summarize the data reported by all colleges and universities in the State of Montana for the years 1978-79 and 1979-80.

Slightly more than 5,000 degrees were awarded each year. Less than 100 other formal awards were granted each year. Table 1 shows these data by type of degrees.

Table 1
Degrees Awarded by Higher Education
Institutions in Montana, 1978-79 and 1979-80

Degree Level	1978-79	1979-80
Bachelor	3,812	3,881
Master	606	638
Doctor	50	56
First Professional	74	74
Associate, transfer	403	394
Associate, terminal	61	31
Degrees Total	5,006	5,074
Other Awards	87	45
Total Degrees and Awards	5,093	5,119

It is evident that there was an increase in all categories of degree awards except associate degrees which declined by 39.

Approximately 75 percent of all awards are bachelor's degrees. Table 2 portrays the percentage distribution of these degrees by type of award.

Table 2
Percent Distribution of Awards by
Level of Degree, 1978-79 and 1979-80

	Percent Distribution	
Degree Level	1978-79	1979-80
Bachelor	74.85	75.82
Master	11.90	12.46
Doctor	0.98	1.09
First Professional	1.45	1.45
Associate, transfer	7.91	7.70
Associate, terminal	1.20	0.61
Total Degrees	98.29	99.12
Other Awards	1.71	0.88
Total Degrees and Awards	100.00	100.00

*Prepared by Paul C. Dunham, Director of Planning and Research

There is no significant change in the types of degrees between the two years.

Private colleges award nine percent of the degrees, community colleges four percent and the units of the Montana University System the remainder of 87 percent. Table 3 shows these data for 1979-80.

Table 3
Percent Distribution of Degrees Awarded by Distribution of Higher Education in Montana, Fiscal Year 79-80, by Type of Degree and Institution

	Type of Degree						
	Bachelor	Master	First Professional	Doctoral	Associate, transfer	Associate, terminal	Total
Montana University System							
University of Montana	24.7	5.2	1.5	0.7	0.2		32.2
Montana State University	30.5	3.5		0.5			34.5
Montana Tech	2.6	0.2			0.4		3.2
Eastern Montana College	7.7	2.0			0.5		10.2
Western Montana College	1.5	0.6			0.3		2.3
Northern Montana College	1.6	1.0			2.0		4.6
Sub-total	68.5	12.5	1.5	1.1	3.4		87.0
Private Colleges							
Carroll College	4.2						4.2
College of Great Falls	2.1				0.5		2.6
Rocky Mountain College	1.4						1.4
Big Sky Bible College	0.3				0.5		0.8
Sub-total	8.0				1.0		9.0
Community Colleges							
Dawson Community College					1.0		1.0
Flathead Valley Community College					1.5	0.4	2.0
Miles Community College					0.9	0.2	1.1
Sub-total					3.4	0.6	4.0
STATE	76.5	12.6	1.5	1.1	7.8	0.6	100.0

Montana State University and the University of Montana each award approximately one-third of all degrees granted while Eastern Montana College awards 10 percent and the remaining 24 percent are awarded by the other 10 colleges.

Community colleges award 47.5 percent of the associate degrees, units of the Montana University System 42.5 percent, and private colleges 11.8 percent.

53 percent of all awards were granted to males and 47 percent to females. Tables 4a and 4b show this distribution.

Table 4a
Comparative Summary of Earned Degrees and Other Formal Awards by Institutions of Higher Education in Montana, 1978-79 and 1979-80, by Type and Sex

	MALE		FEMALE		TOTAL	
Degrees and Awards	1978-79	1979-80	1978-79	1979-80	1978-79	1979-80
Bachelor	2,081	2,045	1,731	1,836	3,812	3,881
Master	363	366	243	272	606	638
Doctor	39	44	11	12	50	56
First Professional	53	58	21	16	74	74
Associate, transfer	204	172	199	222	403	394
Associate, terminal	18	15	43	16	61	31
Total Degrees	2,758	2,700	2,248	2,374	5,006	5,074
Other Formal Awards	39	22	48	23	87	45
Total Degrees and Awards	2,797	2,722	2,296	2,397	5,093	5,119

Table 4b
Percent of Degrees and Formal Awards Granted by Institutions of Higher Education in Montana, 1978-79 and 1979-80, by Type and Sex

	MALE		FEMALE		TOTAL	
Degrees and Awards	1978-79	1979-80	1978-79	1979-80	1978-79	1979-80
Bachelor	40.86	39.94	33.99	35.87	74.85	75.82
Master	7.13	7.15	4.77	5.31	11.90	12.46
Doctor	0.78	0.88	0.22	0.21	0.98	1.09
First Professional	1.04	1.13	0.42	0.31	1.45	1.45
Associate, transfer	4.01	3.36	3.91	4.34	7.91	7.70
Associate, terminal	0.35	0.29	0.84	0.31	1.20	0.61
Total Degrees	54.15	52.76	44.14	46 36	98.29	99.12
Other Formal Awards	0.77	0.43	0.94	0.45	1.71	0.88
Total Degrees and Awards	54.92	53.19	45.08	46.81	100.00	100.00

In addition to the sex of the degree recipient, ethnic characteristics of the recipients are an important element in the construction of affirmative action plans by a variety of public and private organizations. The earned degree surveys present ethnic data every second year. Table 5 shows the ethnic characteristics of degree recipients in 1978-79.

Table 5
Ethnicity of Degree Recipients at Institutions of Higher Education in Montana, 1978-79, by Sex

	MALE		FEMALE		TOTAL	
Ethnic Category	Number	Percent	Number	Percent	Number	Percent
Non-resident Alien	31	0.61	12	0.24	43	0.84
Black	10	0.20	3	0.06	13	0.26
American Indian or Alaskan Native	39	0.77	44	0.86	83	1.63
Asian or Pacific Islander	14	0.27	8	0.16	22	0.43
Hispanic	3	0.06	10	0.20	13	0.26
White, non-Hispanic	2,701	53.03	2,218	43.55	4,919	96.58
Total	2,798	54.94	2,295	45.06	5,093	100.00

2.6 percent of all degrees and awards were granted to minority students.

A distribution of degrees by groupings of disciplines or fields of study may be interesting. Table 6 shows this distribution.

Table 6
Degrees Awarded by Institutions of Higher Education in Montana,
1978-79 and 1979-80, by Major Disciplinary Groupings and Degree Level

	Bachelor		Master		Doctoral		First Professional		Associate		Total	
Discipline Group	78-79	79-80	78-79	79-80	78-79	79-80	78-79	79-80	78-79	79-80	78-79	79-80
Agriculture & Natural Resources	405	332	42	38	3	7					450	378
Architecture & Environmental Design	31	24	1	9							32	33
Biological Sciences	191	188	37	34	7	7					235	229
Business and Commerce	531	641	54	49							585	690
Communications	54	40	2	0							56	40
Computer Sciences	21	30									21	30
Education	740	710	297	314	19	21					1,056	1,044
Engineering	347	418	41	32	3	0					391	450
Fine & Applied Arts	153	169	14	9							167	178
Foreign Languages	35	20	5	7							40	27
Health Professions	354	291	6	10							360	301
Home Economics	87	83	1	1							88	84
Law							74	74			74	74
Letters	154	163	28	30							182	193
Mathematics	39	54	4	8	2	4					45	66
Physical Sciences	125	113	17	30	6	5					148	148
Psychology	74	87	12	17	9	8					95	112
Public Affairs & Services	82	85	26	21							108	106
Social Sciences	364	375	12	18	1	3					377	396
Theology	15	15									15	15
Interdisciplinary Studies	9	37	7	9							16	46
Arts & Sciences, General									191	169	191	169
Nursing									62	51	62	51
Psychiatric Technologies									8	4	8	4
Mechnical & Engineering Technologies									7	10	7	10
Automotive Technologies									15	14	15	14
Diesel Technologies									7	4	7	4
Welding Technologies									1	2	1	2
Civil Technologies									9	9	9	9
Electrical & Machine Technologies									11	5	11	5

Table 6
Degrees Awarded by Institutions of Higher Education in Montana,
1978-79 and 1979-80, by Major Disciplinary Groupings and Degree Level (continued.)

Discipline Group	Bachelor		Master		Doctoral		First Professional		Associate		Total	
	78-79	79-80	78-79	79-80	78-79	79-80	78-79	79-80	78-79	79-80	78-79	79-80
Construction & Building Technologies									4	3	4	3
Agricultural Technologies									22	13	22	13
Forestry & Wildlife Technologies									25	19	25	19
Sanitation & Public Health Inspection Technologies									3	5	3	5
Business & Commerce Technologies									22	37	22	37
Accounting Technologies									3	3	3	3
Marketing Technologies									6	12	6	12
Secretarial Technologies									11	18	11	18
Bible Study									18	27	18	27
Education Technologies									3	--	3	--
Law Enforcement Technologies									39	16	39	16
Recreation Technologies									2	3	2	3
Other									1	--	1	--

Some significant changes are apparent in Agriculture and Natural Resources, Business and Commerce, Engineering, and Health Professions.

Several appendixes provide greater detail for the years 1978-79 and 1979-80. Others provide some historical data.

APPENDIXES

1a. Degrees awarded by institutions of higher education in Montana, 1978-79 and 1979-80, by sex and discipline (Bachelor, Master, Doctor, First Professional).

1b. Degrees awarded by institutions of higher education in Montana, 1978-79 and 1979-80, by sex and discipline (Associate Degrees and other formal awards).

2. Degrees Granted, Montana University System, 1970-71 to 1979-80.

3. Degrees Granted, Private and Community Colleges, 1975-76 to 1979-80.

4. Degree Recipients, State of Montana, 1978-79 by discipline, sex, and ethnic characteristics.

Appendix 1a
Degrees Awarded by Institutions of Higher Education
in Montana 1978-79 and 1979-80, by Sex and Discipline

	Bachelor			Master			Doctor			First Professional			Total		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Agriculture, General (0101)															
1978-79	39	9	48										39	9	48
1979-80	47	14	61										47	14	61
Agronomy (0102)															
1978-79				4		4							4		4
1979-80				3		3							3		3
Soils Science (0103)															
1978-79				5	1	6	3		3				8	1	9
1979-80				1		1		1	1				1	1	2
Animal Science (0104)															
1978-79				2		2							2		2
1979-80				3		3							3		3
Fish, Game & Wildlife Management (0107)															
1978-79	64	10	74	12	5	17							76	15	91
1979-80	47	11	58	9	7	16							56	18	74
Agriculture and Farm Management (0110)															
1978-79	48	11	59										48	11	59
1979-80	15	12	27										15	12	27
Agricultural Business (0112)															
1978-79	28	7	35										28	7	35
1979-80	36	6	42										36	6	42
Forestry (0114)															
1978-79	110	19	129	7	1	8							117	20	137
1979-80	86	14	100	9	2	11	6	1	7				101	17	118
Natural Resources Management (0115)															
1978-79	24	11	35	3	1	4							27	12	39
1979-80	6	12	18										6	12	18
Agriculture and Forestry Technology (0116)															
1978-79	14	11	25										14	11	25
1979-80	2	7	9										2	7	9

Appendix 1a
Degrees Awarded by Institutions of Higher Education
in Montana 1978-79 and 1979-80, by Sex and Discipline

	Bachelor			Master			Doctor			First Professional			Total		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Range Management (0117)															
1978-79				1		1							1		1
1979-80				1		1							1		1
Resource Conservation (0199)															
1978-79															
1979-80	11	6	17	3		3							14	6	20
Total, Agriculture & Natural Resources (0100)															
1978-79	327	78	405	34	8	42	3		3				364	86	450
1979-80	250	82	332	29	9	38	6	1	7				285	93	378
Architecture (0202)															
1978-79	28	3	31										28	3	31
1979-80	22	2	24										22	2	24
City, Community and Regional Planning (0206)															
1978-79				1		1							1		1
1979-80				7	2	9							7	2	9
Total, Architecture and Environmental Design (0201)															
1978-79	28	3	31	1		1							29	3	32
1979-80	22	2	24	7	2	9							29	4	33
Biology, General (0401)															
1978-79	47	22	69	5		5							52	22	74
1979-80	44	27	71	2		2							46	27	73
Botany, General (0402)															
1978-79	13	5	18	3	1	4	2		2				18	6	24
1979-80	11	12	23	1	1	2							12	13	25
Plant Pathology (0404)															
1978-79				2	1	3	1		1				3	1	4
1979-80							1	1	2				1	1	2
Zoology, General (0407)															
1978-79	23	18	41	5	2	7	2		2				30	20	50
1979-80	23	12	35	3	3	6	2		2				28	15	43

Appendix 1a
Degrees Awarded by Institutions of Higher Education
in Montana, 1978-79 and 1979-80, by Sex and Discipline

	Bachelor			Master			Doctor			First Professional			Total		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Microbiology (0411)															
1978-79	32	30	62	8	4	11	2		2				42	34	76
1979-80	23	36	59	13	5	18	2		2				38	41	79
Biochemistry (0414)															
1978-79				3		3							3		3
1979-80					2	2								2	2
Entomology (0421)															
1978-79	1		1	1	1	2							2	1	3
1979-80							1		1				1		1
Veterinary Science (0499)															
1978-79					1	1								1	1
1979-80				4		4							4		4
Total, Biological Sciences (0400)															
1978-79	116	75	191	27	10	37	7		7				150	85	235
1979-80	101	87	188	23	11	34	6	1	7				130	99	229
Business and Commerce, General (0501)															
1978-79	178	122	300										178	122	300
1979-80	143	116	259										143	116	259
Accounting (0502)															
1978-79	66	25	91										66	25	91
1979-80	88	64	152										88	64	152
Banking and Finance (0504)															
1978-79	34	3	37										34	3	37
1979-80	35	13	48										35	13	48
Business Management and Administration (0506)															
1978-79	70	24	94	41	7	48							111	31	142
1979-80	111	48	159	38	6	44							149	54	203
Marketing & Purchasing (0509)															
1978-79															
1979-80	3	7	10										3	7	10
Transportation & Public Utilities (0510)															
1978-79															
1979-80		1	1											1	1

Appendix 1a
Degrees Awarded by Institutions of Higher Education
in Montana, 1978-79 and 1979-80, by Sex and Discipline

	Bachelor			Master			Doctor			First Professional			Total		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Business Economics (0517)															
1978-79	8	1	9	6		6							14	1	15
1979-80	4	2	6	5		5							9	2	11
Other (0599)															
1978-79															
1979-80	3	3	6										3	3	6
Total, Business and Management (0500)															
1978-79	356	175	531	47	7	54							403	182	585
1979-80	387	254	641	43	6	49							430	260	690
Communications, General (0601)															
1978-79	7	5	12										7	5	12
1979-80	2	12	14										2	12	14
Journalism (0602)															
1978-79	10	19	29	1	1	2							11	20	31
1979-80	14	7	21										14	7	21
Radio/Television (0603)															
1978-79	10	3	13										10	3	13
1979-80	2	3	5										2	3	5
Total, Communications (0600)															
1978-79	27	27	54	1	1	2							28	28	56
1979-80	18	22	40										18	22	40
Computer Sciences, General (0701)															
1978-79	17	4	21										17	4	21
1979-80	27	3	30										27	3	30
Education, General (0801)															
1978-79	1		1	40	33	73	9	4	13				50	37	87
1979-80	11	12	23	49	55	104	8	5	13				68	72	140

Appendix 1a
Degrees Awarded by Institutions of Higher Education
in Montana, 1978-79 and 1979-80, by Sex and Discipline

	Bachelor			Master			Doctor			First Professional			Total		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Elementary Education General (0802)															
1978-79	60	331	391	11	14	25							71	345	416
1979-80	36	292	328	5	27	32							41	319	360
Secondary Education, General (0803)															
1978-79	5	5	10	2	2	4							7	7	14
1979-80	8	3	11	4	1	5							12	4	16
Special Education, General (0808)															
1978-79	9	43	52	1	7	8							10	50	60
1979-80	9	51	60	1	4	5							10	55	65
Education of the Mentally Retarded (0810)															
1978-79				4	7	11							4	7	11
1979-80				3	1	4							3	1	4
Speech Correction (0815)															
1978-79		1	1											1	1
1979-80															
Education of the Emotionally Disturbed (0816)															
1978-79					1	1								1	1
1979-80															
Special Learning Disabilities (0818)															
1978-79				7	20	27							7	20	27
1979-80				11	19	30							11	19	30
Education of the Multiple Handicapped (0820)															
1978-79				2	3	5							2	3	5
1979-80					2	2								2	2
Education Psychology (0822)															
1978-79		2	2											2	2
1979-80					1	1								1	1
Pre-Elementary Education (0823)															
1978-79					7	7								7	7
1979-80				1	3	4							1	3	4

Appendix 1a
Degrees Awarded by Institutions of Higher Education
in Montana, 1978-79 and 1979-80, by Sex and Discipline

	Bachelor			Master			Doctor			First Professional			Total		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Student Personnel (Counseling and Guidance) (0826)															
1978-79				20	17	37							20	17	37
1979-80				13	21	34							13	21	34
Educational Administration (0827)															
1978-79				23	7	30	3		3				26	7	33
1979-80				17	3	20	5		5				22	3	25
Curriculum & Instruction (0829)															
1978-79					1	1	1	1	2				1	2	3
1979-80				2	1	3	2		2				4	1	5
Reading Education (0830)															
1978-79					13	13								13	13
1979-80				5	10	15							5	10	15
Art Education (0831)															
1978-79	8	9	17										8	9	17
1979-80		7	7											7	7
Music Education (0832)															
1978-79	16	20	36	3	4	7	1		1				20	24	44
1979-80	19	18	37		1	1	1		1				20	19	39
Mathematics Education (0833)															
1978-79	3	5	8										3	5	8
1979-80	2	2	4										2	2	4
Science Education (0834)															
1978-79	5	1	6										5	1	6
1979-80	1	1	2										1	1	2
Physical Education (0835)															
1978-79	75	67	142	7	7	14							82	83	165
1979-80	77	88	165	7	7	14							84	95	179

Appendix 1a
Degrees Awarded by Institutions of Higher Education
in Montana, 1978-79 and 1979-80, by Sex and Discipline

	Bachelor			Master			Doctor			First Professional			Total		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Business, Commerce and Distributive Education (0838)															
1978-79	9	18	27	1	10	11							10	28	38
1979-80	7	22	29	2	2	4							9	24	33
Industrial Arts Education (0839)															
1978-79	31		31	14	6	20							45	6	51
1979-80	28		28	21	13	34							49	15	64
Agricultural Education (0899-1)															
1978-79	11	5	16	3		3							14	5	19
1979-80	13	3	16	1		1							14	3	17
School Librarianship (0899)															
1978-79					1	1								1	1
1979-80															
Total, Education (0800)															
1978-79	233	507	740	138	159	297	14	5	19				385	671	1,056
1979-80	211	499	710	142	172	314	16	5	21				366	678	1,044
Engineering, General (0901)															
1978-79	1		1										1		1
1979-80	1		1										1		1
Agricultural Engineering (0903)															
1978-79	7	2	9	2		2							9	2	11
1979-80	14		14										14		14
Chemical Engineering (0906)															
1978-79	40	7	47	4		4	2		2				46	7	53
1979-80	46	10	56	3		3							49	10	59

Appendix 1a
Degrees Awarded by Institutions of Higher Education
in Montana, 1978-79 and 1979-80, by Sex and Discipline

	Bachelor			Master			Doctor			First Professional			Total		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Petroleum Engineering (0907)															
1978-79	16	3	19										16	3	19
1979-80	35	2	37										35	2	37
Civil, Construction & Transportation Engineering (0908)															
1978-79	51	7	58	12	1	13							63	8	71
1979-80	48	4	52	11		11							59	4	63
Electrical, Electronic and Communications Engineering (0909)															
1978-79	48		48	4		4	1		1				53		53
1979-80	49		49	6		6							54		54
Mechanical Engineering (0910)															
1978-79	31		31	6	1	7							37	1	38
1979-80	46		46	1		1							47		47
Geological Engineering (0911)															
1978-79	1	1	2										1	1	2
1979-80	4	5	9	1		1							5	5	10
Geophysical Engineering (0912)															
1978-79				2		2							2		2
1979-80	3	1	4	1		1							4	1	5
Industrial and Management Engineering (0913)															
1978-79	7	1	8	5	2	7							12	3	15
1979-80	6	2	8	3		3							9	2	11
Metallurgical Engineering(0914)															
1978-79	2	1	3										2	1	3
1979-80	4	2	6	3		3							7	2	9
Mining and Mineral Engineering (0918)															
1978-79	24		24	2		2							26		26
1979-80	27	1	28	1		1							28	1	29
Environmental and Sanitation Engineering (0922)															
1978-79	12	2	14										12	2	14
1979-80	6	3	9										6	3	9

Appendix 1a
Degrees Awarded by Institutions of Higher Education
in Montana, 1978-79 and 1979-80, by Sex and Discipline

	Bachelor			Master			Doctor			First Professional			Total		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Engineering Technologies (0925)															
1978-79	73	2	75										73	2	75
1979-80	82	7	89										82	7	89
Mineral Process Engineering (0999)															
1978-79	5	1	6										5	1	6
1979-80	3	1	4	2		2							5	1	6
Engineering Science (0999)															
1978-79	2		2										2		2
1979-80	4	2	6										4	2	6
Total Engineering (0900)															
1978-79	320	27	347	37	4	41	3		3				360	31	391
1979-80	378	40	418	32		32							410	40	450
Fine Arts, General (1001)															
1978-79	4	4	8										4	4	8
1979-80	3	6	9	1	1	2							4	7	11
Art (1002)															
1978-79	31	51	82	3	3	6							34	54	88
1979-80	38	47	85	2	2	4							40	49	89
Music (performing) (1004)															
1978-79	5	3	8	2		2							7	3	10
1979-80		5	5		1	1								6	6
Music (liberal arts) (1005)															
1978-79	1		1										1		1
1979-80	3	3	6	1		1							4	3	7
Music History (1006)															
1978-79					1	1								1	1
1979-80															

Appendix 1a
Degrees Awarded by Institutions of Higher Education
in Montana, 1978-79 and 1979-80, by Sex and Discipline

	Bachelor			Master			Doctor			First Professional			Total		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Dramatic Arts (1007)															
1978-79	3	12	15	1	1	2							4	13	17
1979-80	14	6	20		1	1							14	7	21
Applied Design (1009)															
1978-79				2	1	3							2	1	3
1979-80															
Film and TV (1099)															
1978-79	27	12	39										27	12	39
1979-80	30	14	44										30	14	44
Total, Fine and Applied Arts (1000)															
1978-79	71	82	153	8	6	14							79	88	167
1979-80	88	81	169	4	5	9							92	86	178
Foreign Languages, General (1101)															
1978-79	3	7	10										3	7	10
1979-80		3	3											3	3
French (1102)															
1978-79	2	3	5		3	3							2	6	8
1979-80		5	5	1	1	2							1	6	7
German (1103)															
1978-79	3	4	7										3	4	7
1979-80		4	4	1	2	3							1	6	7
Italian (1104)															
1978-79															
1979-80		1	1											1	1
Spanish (1105)															
1978-79	2	9	11		2	2							2	11	13
1979-80	4	3	7		2	2							4	5	9
Russian (1106)															
1978-79	1	1	2										1	1	2
1979-80															

Appendix 1a
Degrees Awarded by Institutions of Higher Education
in Montana, 1978-79 and 1979-80, by Sex and Discipline

	Bachelor			Master			Doctor			First Professional			Total		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Total, Foreign Languages (1100)															
1978-79	11	24	35		5	5							11	29	40
1979-80	4	16	20	2	5	7							6	21	27
Health Professions, General (1201)															
1978-79	2		2										2		2
1979-80															
Nursing (1203)															
1978-79	21	198	219	1	2	3							22	200	222
1979-80	12	162	174		7	7							12	169	181
Pharmacy (1211-2)															
1978-79	19	17	36										19	17	36
1979-80	24	17	41										24	17	41
Physical Therapy (1212)															
1978-79	8	8	16										8	8	16
1979-80	5	8	13										5	8	13
Dental Hygiene (1213)															
1978-79		15	15											15	15
1979-80		24	24											24	24
Medical Records Librarian (1215)															
1978-79		12	12											12	12
1979-80	2	8	10										2	8	10
Speech Pathology & Audiology (1220)															
1978-79	2	15	17		3	3							2	18	20
1979-80		6	6	1	2	3							1	8	9
Medical Laboratory Technology (1223)															
1978-79	3	11	14										3	11	14
1979-80	3	4	7										3	4	7
Pre-medicine (1299)															
1978-79	12	1	13										12	1	13
1979-80	8		8										8		8

Appendix 1a
Degrees Awarded by Institutions of Higher Education
in Montana, 1978-79 and 1979-80, by Sex and Discipline

	Bachelor			Master			Doctor			First Professional			Total		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Occupational Safety and Health (1299)															
1978-79	8	2	10										8	2	10
1979-80	8		8										8		8
Total, Health Professions (1200)															
1978-79	75	279	354	1	5	6							76	284	360
1979-80	62	229	291	1	9	10							63	238	301
Home Economics, General (1300)															
1978-79	3	84	87		1	1							3	85	88
1979-80	2	81	83		1	1							2	82	84
Law, General (1400-1)															
1978-79										53	21	74	53	21	74
1979-80										58	16	74	58	16	74
English, General (1501)															
1978-79	41	67	108	3	7	10							44	74	118
1979-80	53	57	110	3	2	5							56	59	115
Classics (1504)															
1978-79		1	1											1	1
1979-80	2	1	3										2	1	3
Linguistics (1505)															
1978-79															
1979-80	4	11	15	4	10	14							8	21	29
Speech, Debate and Forensic Science (1506)															
1978-79	5	25	30		5	5							5	30	35
1979-80	6	9	15										6	9	15
Creative Writing (1507)															
1978-79				9	3	12							9	3	12
1979-80				6	5	11							6	5	11
Philosophy (1509)															
1978-79	10	1	11		1	1							10	2	12
1979-80	11	4	15										11	4	15

Appendix 1a
Degrees Awarded by Institutions of Higher Education
in Montana, 1978-79 and 1979-80, by Sex and Discipline

	Bachelor			Master			Doctor			First Professional			Total		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Religious Study (1510)															
1978-79	1	3	4										1	3	4
1979-80		5	5											5	5
Total, Letters (1500)															
1978-79	57	97	154	12	16	28							69	113	182
1979-80	76	87	163	13	17	30							89	104	193
Library Science (1600)															
1978-79															
1979-80					2	2								2	2
Mathematics (1701)															
1978-79	29	10	39	3	1	4	2		2				34	11	45
1979-80	39	15	54	6	2	8	3	1	4				48	18	66
Physical Science, General (1901)															
1978-79	2		2										2		2
1979-80	2	1	3										2	1	3
Physics, General (1902)															
1978-79	12	1	13	5		5	2		2				19	1	20
1979-80	4	1	5	6		6	1		1				11	1	12
Chemistry, General (1905)															
1978-79	20	7	27	2		2	2		2				24	7	31
1979-80	18	8	26	2		2	3		3				23	8	31
Geology (1914)															
1978-79	46	8	54	7	1	8	2		2				55	9	64
1979-80	34	15	49	15	3	18	1		1				50	18	68
Geochemistry (1915)															
1978-79				1		1							1		1
1979-80				1		1							1		1
Earth Sciences (1917)															
1978-79	25	4	29	1		1							26	4	30
1979-80	22	8	30	2	1	3							24	9	33
Total, Physical Sciences (1900)															
1978-79	105	20	125	16	1	17	6		6				127	21	148
1979-80	80	33	113	26	4	30	5		5				111	37	148

Appendix 1a
Degrees Awarded by Institutions of Higher Education
in Montana, 1978-79 and 1979-80, by Sex and Discipline

	Bachelor			Master			Doctor			First Professional			Total		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Psychology, General (2001)															
1978-79	35	39	74	6	6	12	4	5	9				45	50	95
1979-80	39	48	87	9	8	17	5	3	8				53	59	112
Public Administration (2102)															
1978-79				2	2	4							2	2	4
1979-80				3	1	4							3	1	4
Parks and Recreation Management (2103)															
1978-79	10	4	14		1	1							10	5	15
1979-80	12	7	19	2	1	3							14	8	22
Social Work (2104)															
1978-79	17	51	68	8	7	15							25	58	83
1979-80	19	47	66	7	5	12							26	52	78
Human Services (2199)															
1978-79				5	1	6							5	1	6
1979-80				1	1	2							1	1	2
Total, Public Affairs and Services (2100)															
1978-79	27	55	82	15	11	26							42	66	108
1979-80	31	54	85	13	8	21							44	62	106
Social Sciences, General (2201)															
1978-79	41	12	53										41	12	53
1979-80	11	4	15										11	4	15
Anthropology (2202)															
1978-79	8	10	18	1		1							9	10	19
1979-80	5	5	10	1	4	5							6	9	15
Economics (2204)															
1978-79	22	5	27	1		1							23	5	28
1979-80	28	4	32	2		2							30	4	34

Appendix 1a
Degrees Awarded by Institutions of Higher Education
in Montana, 1978-79 and 1979-80, by Sex and Discipline

	Bachelor			Master			Doctor			First Professional			Total		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
History (2205)															
1978-79	39	24	63	6		6		1	1				45	25	70
1979-80	68	46	114	6	1	7	1		1				75	47	122
Geography (2206)															
1978-79	7	1	8	1		1							8	1	9
1979-80	8	3	11										8	3	11
Political Science & Government (2207)															
1978-79	41	22	63	1		1							42	22	64
1979-80	43	24	67	1	1	2							44	25	69
Sociology (2208)															
1978-79	64	66	130	2		2							66	66	132
1979-80	44	81	125	1	1	2	2		2				47	82	129
Criminology (2209)															
1978-79	2		2										2		2
1979-80	1		1										1		1
Total, Social Sciences (2200)															
1978-79	224	140	364	12		12		1	1				236	141	377
1979-80	208	167	375	11	7	18	3		3				222	174	396
Theological Professions, General (2301-2)															
1978-79	14	1	15										14	1	15
1979-80	10	5	15										10	5	15
Religious Education (2304)															
1978-79		1	1											1	1
1979-80	1	2	3										1	2	3
Total, Theology (2300)															
1978-79	14	2	16										14	2	16
1979-80	11	7	18										11	7	18

Appendix 1a
Degrees Awarded by Institutions of Higher Education
in Montana, 1978-79 and 1979-80, by Sex and Discipline

	Bachelor			Master			Doctor			First Professional			Total		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Humanities and Social Sciences (4901)															
1978-79	3	2	5	2		2							5	2	7
1979-80	3	14	17	1	2	3							4	16	20
Biological and Physical Sciences (4902)															
1978-79															
1979-80	5	2	7										5	2	7
Environmental Studies (4999)															
1978-79				3	2	5							3	2	5
1979-80				4	2	6							4	2	6
Society and Technology (4999)															
1978-79	3	1	4										3	1	4
1979-80	2	11	13										2	11	13
Totai, Interdisciplinary Studies (4900)															
1978-79	6	3	9	5	2	7							11	5	16
1979-80	10	27	37	5	4	9							15	31	46
Total (9800)															
1978-79	2,081	1,731	3,812	363	243	606	39	11	50	53	21	74	2,536	2,006	4,542
1979-80	2,045	1,836	3,881	366	272	638	44	12	56	58	16	74	2,513	2,136	4,649

Appendix 1b
Degrees Awarded by Institutions of Higher Education
in Montana, 1978-79 and 1979-80, by Sex and Discipline (cont.)

	Associate, Transfer			Other Formal Awards			Associate, Terminal			Other Formal Awards			Less Than One Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Arts & Sciences, General (5600)																		
1978-79	87	104	191													87	104	191
1979-80	70	99	169													70	99	169
Data Processing Technologies (5101)																		
1978-79																		
1979-80	4		4													4		4
Health Services Assistant Technologies (5201)																		
1978-79																		
1979-80	2	3	5	1	13	14										3	16	19
Nursing, R.N. (5208)																		
1978-79	2	26	28				1	33	34							3	59	62
1979-80	3	48	51													3	48	51
Nursing, Practical (5209)																		
1978-79										2	22	24				2	22	24
1979-80														13	13		13	13
Psychiatric Technologies (5216)																		
1978-79		8	8														8	8
1979-80		4	4														4	4
Mechanical & Engineering Technologies, General (5301)																		
1978-79	2		2													2		2
1979-80																		
Architectural Drafting Technologies (5304)																		
1978-79	7		7													7		7
1979-80	7	3	10													7	3	10
Automotive Technologies (5306)																		
1978-79	8		8							7		7				15		15
1979-80	13		13				1		1							14		14

Appendix 1b
Degrees Awarded by Institutions of Higher Education
in Montana, 1978-79 and 1979-80, by Sex and Discipline (cont.)

	Associate, Transfer			Other Formal Awards			Associate, Terminal			Other Formal Awards			Less Than One Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Diesel Technologies (5307)																		
1978-79	7		7							7		7				14		14
1979-80	4		4	1		1										5		5
Welding Technologies (5308)																		
1978-79	1		1							9	1	10				10	1	11
1979-80	2		2										3		3	5		5
Civil Technologies (5309)																		
1978-79	7	2	9													7	2	9
1979-80	6	3	9													6	3	9
Electronics & Machine Technologies (5310)																		
1978-79	10		10				1		1	9		9				20		20
1979-80	3		3				2		2				8		8	13		13
Construction & Building Technologies (5317)																		
1978-79	4		4													4		4
1979-80	3		3													3		3
Agricultural Technologies (5402)																		
1978-79	16	6	22		1	1				4		4				20	7	27
1979-80	9	2	11				1	1	2				1	1	2	11	4	15
Forestry & Wildlife Technologies (5403)																		
1978-79							16	9	25							16	9	25
1979-80							11	8	19							11	8	19
Sanitation & Public Health Inspection Technologies (5408)																		
1978-79	2	1	3													2	1	3
1979-80	4	1	5													4	1	5
Business & Commerce Technologies (5001)																		
1978-79	11	11	22													11	11	22
1979-80	16	21	37													16	21	37
Accounting Technologies (5002)																		
1978-79	2	1	3													2	1	3
1979-80	2	1	3													2	1	3

Appendix 1b
Degrees Awarded by Institutions of Higher Education
in Montana, 1978-79 and 1979-80, by Sex and Discipline (cont.)

	Associate, Transfer			Other Formal Awards			Associate, Terminal			Other Formal Awards			Less Than One Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Marketing Technologies (5004)																		
1978-79	3	3	6													3	3	6
1979-80	3	3	6					6	6					4	4	3	13	16
Secretarial Technologies (5005)																		
1978-79		10	10					1	1		17	17					28	28
1979-80		18	18											5	5		23	23
Bible Study (5502)																		
1978-79	9	9	18							1	7	8				10	16	26
1979-80	15	12	27										5	6	11	20	18	38
Education Technologies (5503)																		
1978-79		3	3														3	3
1979-80																		
Law Enforcement Technologies (5505)																		
1978-79	26	13	39													26	13	39
1979-80	13	3	16													13	3	16
Recreation Technologies (5506)																		
1978-79		2	2														2	2
1979-80	2	1	3													2	1	3
Other (5599)																		
1978-79																		
1979-80	1		1					1	1							1	1	2
Totals																		
1978-79	204	199	403		1	1	18	43	61	39	47	86				261	290	551
1979-80	182	222	404	2	13	15	15	16	31				33	29	62	232	280	512

Appendix 2
DEGREES GRANTED
MONTANA UNIVERSITY SYSTEM
1970-71 to 1979-80

DEGREES GRANTED

	70-71	71-72	72-73	73-74	74-75	75-76	76-77	77-78	78-79	79-80
University of Montana										
Doctorates	32	34	39	55	47	46	33	26	25	33
Masters	303	322	310	283	300	353	289	272	257	263
First Professional	35	40	64	51	61	65	75	65	74	74
Bachelors	1,266	1,265	1,108	1,215	1,229	1,526	1,229	1,139	1,231	1,253
Associate					9	15	7	16	8	9
Total	1,636	1,661	1,521	1,604	1,646	2,004	1,633	1,518	1,595	1,632
%	37.5	37.4	34.4	35.8	38.2	42.8	38.5	36.6	37.1	37.0
Montana State University										
Doctorates	44	38	44	48	34	25	30	23	25	23
Masters	295	262	226	213	175	203	200	182	177	179
Bachelors	1,274	1,328	1,402	1,367	1,400	1,390	1,441	1,435	1,543	1,546
Total	1,613	1,628	1,672	1,628	1,609	1,618	1,671	1,640	1,745	1,748
%	37.0	36.7	37.8	36.4	37.3	34.5	39.3	39.5	40.6	39.6
Montana College of Mineral Science and Technology										
Masters	12	7	6	6	7	8	9	9	6	10
Bachelors	65	58	80	77	73	74	88	103	98	131
Associate			24	37	24	21	12	24	30	20
Total	77	65	110	120	109	103	109	136	134	161
%	1.8	1.5	2.5	2.7	2.3	2.2	2.6	3.3	3.1	3.6
Western Montana College										
Masters	32	14	30	31	32	36	30	21	18	29
Bachelors	163	202	217	175	119	105	83	72	81	74
Associate			21	22	7	8	11	7	10	15
Total	195	216	268	228	158	149	124	100	109	118
%	4.5	4.9	5.1	5.1	3.7	3.2	2.9	2.4	2.5	2.7

Appendix 2
DEGREES GRANTED
MONTANA UNIVERSITY SYSTEM
1970-71 to 1979-80

DEGREES GRANTED

	70-71	71-72	72-73	73-74	74-75	75-76	76-77	77-78	78-79	79-80
Eastern Montana College										
Masters	35	45	83	112	68	92	44	112	109	104
Bachelors	578	608	487	489	429	433	346	364	356	389
Associate			32	55	71	42	43	26	21	27
Total	613	653	602	656	568	567	440	502	486	520
%	14.0	14.7	13.6	14.7	13.2	12.1	10.4	12.1	11.3	11.8
Northern Montana College										
Masters	5	13	19	33	33	36	50	39	33	51
Bachelors	187	181	153	121	83	97	71	85	88	82
Associate	39	24	80	86	102	112	106	129	112	102
Total	231	218	252	240	218	245	227	253	233	235
%	5.3	4.9	5.7	5.4	5.1	5.2	5.3	6.1	5.4	5.3
Montana University System										
Doctorates	76	72	83	103	81	70	63	49	60	56
Masters	682	663	574	678	615	728	672	635	600	636
First Professional	35	40	64	51	61	65	75	55	74	74
Bachelors	3,533	3,642	3,447	3,444	3,338	3,625	3,258	3,198	3,397	3,475
Associates	39	24	157	200	213	198	179	102	181	173
Total	4,365	4,441	4,425	4,476	4,308	4,686	4,247	4,149	4,302	4,414
Percent Distribution										
Doctorates	1.7	1.6	1.9	2.3	1.9	1.5	1.5	1.2	1.2	1.3
Masters	15.6	14.9	15.2	15.2	14.3	15.5	15.8	15.3	13.9	14.4
First Professional	0.8	0.9	1.5	1.1	1.4	1.4	1.8	1.6	1.7	1.7
Bachelors	80.9	82.0	77.9	76.9	77.5	77.4	76.7	77.1	79.0	78.7
Associate	0.9	0.5	3.6	4.5	4.9	4.2	4.2	4.9	4.2	3.9

Appendix 3
DEGREES GRANTED
PRIVATE AND COMMUNITY COLLEGES
1975-76 to 1979-80

	DEGREES GRANTED				
	75-76	76-77	77-78	78-79	79-80
PRIVATE COLLEGES					
Carroll College					
Bachelors	160	211	200	210	211
Associate	23	19	13	3	0
College of Great Falls					
Masters				6	2
Bachelors	130	113	110	100	109
Associate	18	16	22	32	23
Rocky Mountain College					
Bachelors	86	78	75	90	71
Associate	2	1			
Big Sky Bible College					
Bachelor				15	15
Associate				18	27
COMMUNITY COLLEGES					
Dawson College					
Associate	82	67	78	79	49
Flathead Valley Community College					
Associate	124	108	116	103	99
Miles Community College					
Associate	67	62	53	48	54

Appendix 4
Degree Recipients, State of Montana, 1978-79 by
Discipline, Sex, and Ethnic Characteristics

	Non-Resident Alien			Black, Non-Hispanic			American Indian or Alaskan Native			Asian or Pacific Islander			Hispanic			White Non-Hispanic			Total		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Law (1400)																					
First Professional																53	21	74	53	21	74
Agriculture and Natural Resources (0100)																					
Bachelor	1	1	2	1		1	1		1	1		1				323	77	400	327	78	405
Master	1		1													33	8	41	34	8	42
Doctor																3		3	3		3
Total	2	1	3	1		1	1		1	1		1				359	85	444	364	86	450
Architectural & Environmental Design (0200)																					
Bachelor	1	1	2													27	2	29	28	3	31
Master																1		1	1		1
Total	1	1	2													28	2	30	29	3	32
Biological Sciences (0400)																					
Bachelor	2		2								1	1	1		1	113	74	187	116	75	191
Master	1	1	2													26	9	35	27	10	37
Doctor																7		7	7		7
Total	3	1	4								1	1	1		1	146	83	229	150	85	235
Business & Management (0500)																					
Bachelor	1	1	2	1		1	1	3	4	3	2	5		1	1	350	168	518	356	175	531
Master	1		1													46	7	53	47	7	54
Total	2	1	3	1		1	1	3	4	3	2	5		1	1	396	175	571	403	182	585
Communications (0600)																					
Bachelor				1		1										27	26	53	28	26	54
Master																1	1	2	1	1	2
Total				1		1										28	27	55	29	27	56

Appendix 4
Degree Recipients, State of Montana, 1978-79 by
Discipline, Sex, and Ethnic Characteristics (continued)

	Non-Resident Alien			Black, Non-Hispanic			American Indian or Alaskan Native			Asian or Pacific Islander			Hispanic			White Non-Hispanic			Total		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Computer and Informational Sciences(0700)																					
Bachelor	2		2													15	4	19	17	4	21
Education (0800)																					
Bachelor	1	1	2	4	2	6	6	16	22	1		1	1	4	5	220	484	704	233	507	740
Master	1	1	2	1		1	1	1	2		1	1				135	156	291	138	159	297
Doctor							1		1							13	5	18	14	5	19
Total	2	2	4	5	2	7	8	17	25	1	1	2	1	4	5	368	645	1,013	385	671	1,056
Engineering (0900)																					
Bachelor	2		2				4		4	1	1	2				313	26	339	320	27	347
Master							1		1	1		1				35	4	39	37	4	41
Doctor																3		3	3		3
Total	2		2				5		5	2	1	3				351	30	381	360	31	391
Fine and Applied Arts (1000)																					
Bachelor	1	1	2				1		1							69	81	150	71	82	153
Master																8	6	14	8	6	14
Total	1	1	2				1		1							77	87	164	79	88	167
Foreign Languages (1100)																					
Bachelor																11	24	35	11	24	35
Master																	5	5		5	5
Total																11	29	40	11	29	40
Health Professions (1200)																					
Bachelor								2	2	1	2	3		1	1	74	274	348	75	279	354
Master																1	5	6	1	5	6
Total								2	2	1	2	3		1	1	75	279	354	76	284	360
Home Economics (1300)																					
Bachelor								1	1							3	83	86	3	84	87
Master																	1	1		1	1
Total								1	1							3	84	87	3	85	88

Appendix 4
Degree Recipients, State of Montana, 1978-79 by
Discipline, Sex, and Ethnic Characteristics (continued)

	Non-Resident Alien			Black, Non-Hispanic			American Indian or Alaskan Native			Asian or Pacific Islander			Hispanic			White Non-Hispanic			Total		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Letters (1500)																					
Bachelor							1		1					1	1	56	96	152	57	97	154
Master		1	1													12	15	27	12	16	28
Total		1	1				1		1					1	1	68	111	179	69	113	182
Mathematics (1700)																					
Bachelor	1		1				1		1	1		1				26	10	36	29	10	39
Master																3	1	4	3	1	4
Doctor																2		2	2		2
Total	1		1				1		1	1		1				31	11	42	34	11	45
Physical Sciences (1900)																					
Bachelor							1		1							104	20	124	105	20	125
Master	1		1													15	1	16	16	1	17
Doctor																6		6	6		6
Total	1		1				1		1							125	21	146	127	21	148
Psychology (2000)																					
Bachelor	2	1	3				2		2							31	38	69	35	39	74
Master																6	6	12	6	6	12
Doctor																4	5	9	4	5	9
Total	2	1	3				2		2							41	49	90	45	50	95
Public Affairs & Services (2100)																					
Bachelor							1	6	7							26	49	75	27	55	82
Master																15	11	26	15	11	26
Total							1	6	7							41	60	101	42	66	108
Social Sciences (2200)																					
Bachelor	1		1	2		2	6	6	12	1		1	1	2	3	213	132	345	224	140	364
Master							1		1							11		11	12		12
Doctor																	1	1		1	1
Total	1		1	2		2	7	6	13	1		1	1	2	3	224	133	357	236	141	377

Appendix 4
Degree Recipients, State of Montana, 1978-79 by
Discipline, Sex, and Ethnic Characteristics (continued)

	Non-Resident Alien			Black, Non-Hispanic			American Indian or Alaskan Native			Asian or Pacific Islander			Hispanic			White Non-Hispanic			Total		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Theology (2300)																					
Bachelor	1		1													13	2	15	14	2	16
Interdisciplinary Studies (4900)																					
Bachelor																6	3	9	6	3	9
Master																5	2	7	5	2	7
Total																11	5	16	11	5	16
Arts & Sciences, General (5600)																					
Assoc., Trans.*	9	2	11				6	5	11	1	1	2		1	1	71	95	166	87	104	191
Health Services & Paramedical Technologies (5200)																					
Assoc., Trans.		1	1													2	33	35	2	34	36
Assoc., Ter.**																1	33	34	1	33	34
Other Awards																2	22	24	2	22	24
Total		1	1													5	88	93	5	89	94
Mechanical and Engineering Technologies (5300)																					
Assoc., Trans.	1		1				1		1	2		2				42	2	44	46	2	48
Assoc., Ter.																1		1	1		1
Other																32	1	33	32	1	33
Total	1		1				1		1	2		2				75	3	78	79	3	82
Science or Engineering Related Organized Occupational Programs (5400)																					
Assoc., Trans.																18	7	25	18	7	25
Assoc., Ter.							3		3							13	9	22	16	9	25
Other																4	1	5	4	1	5
Total							3		3							35	17	52	38	17	55

*Associate, Transfer
**Associate, Terminal

Appendix 4
Degree Recipients, State of Montana, 1978-79 by
Discipline, Sex, and Ethnic Characteristics (continued)

	Non-Resident Alien			Black, Non-Hispanic			American Indian or Alaskan Native			Asian or Pacific Islander			Hispanic			White Non-Hispanic			Total		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Business and Commerce Technologies (5000)																					
Assoc., Trans.								1	1							16	24	40	16	25	41
Assoc., Ter.																	1	1		1	1
Other								1	1								16	16		17	17
Total								2	2							16	41	57	16	43	59
Public Services-Related Techologies (5500)																					
Assoc., Trans.				1	1	2		2	2							34	24	58	35	27	62
Other										1		1					7	7	1	7	8
Total				1	1	2		2	2	1		1				34	31	65	36	34	70
Grand Total (9800)																					
Bachelor	16	6	22	9	2	11	25	34	59	9	6	15	3	9	12	2,020	1,673	3,693	2,082	1,730	3,812
Master	5	3	8				3	1	4	1	1	2				353	238	591	362	243	605
Doctor							1		1							38	11	49	39	11	50
First Professional																53	21	74	53	21	74
Assoc., Trans.	10	3	13	1	1	2	7	8	15	3	1	4		1	1	183	185	368	204	199	403
Assoc., Ter.							3		3							15	43	58	18	43	61
Total Degrees	31	12	43	10	3	13	39	43	82	13	8	21	3	10	13	2,662	2,171	4,833	2,758	2,247	5,005
Other Awards								1	1	1		1				38	47	85	39	48	87
Total Degrees and Awards	31	12	43	10	3	13	39	44	83	14	8	22	3	10	13	2,700	2,218	4,918	2,797	2,295	5,092